



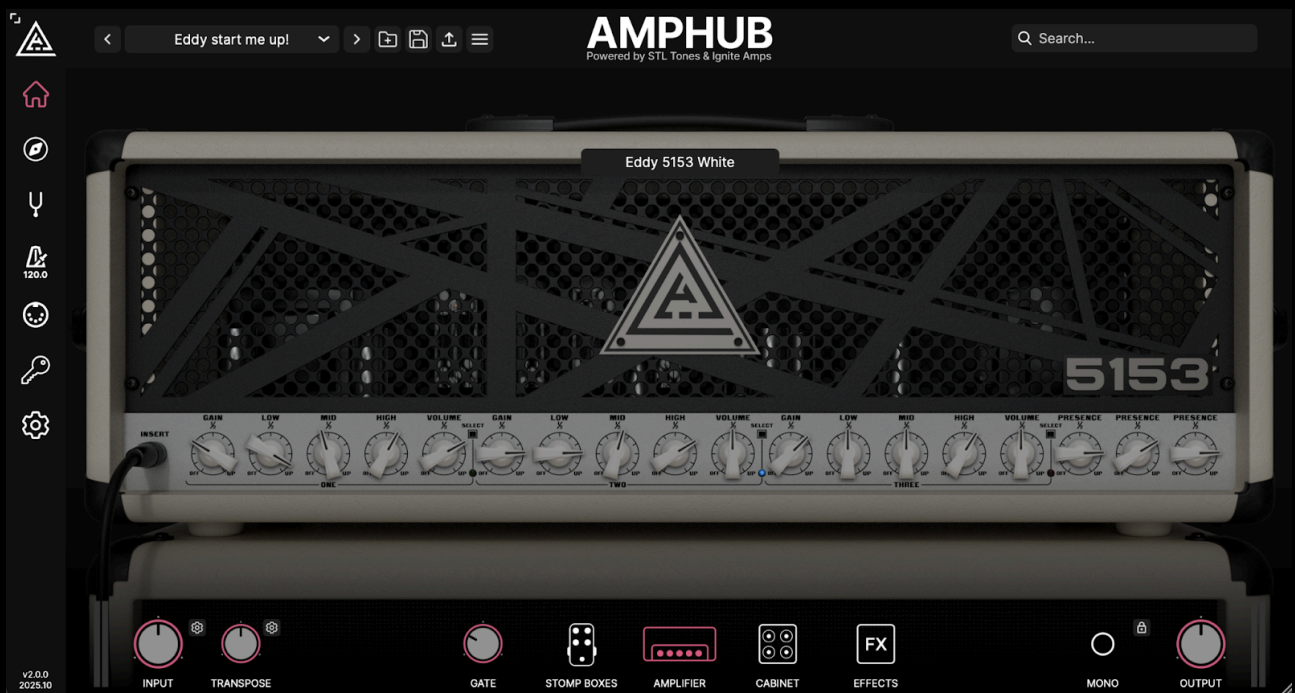
AmpHub Plugin User Manual

Version 2.0.0

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Introduction



AmpHub is an all-encompassing electric guitar plugin featuring an ever-expanding collection of stomp boxes, amplifiers, cabinets, microphones, and effect models.

The core of AmpHub is built around Ignite Amps' proprietary GE.M.IN.I. (Generalized Multistage Intrinsic Interactions) simulation technology which allows AmpHub to digitally emulate any type of electronic circuit with an unsurpassed degree of accuracy. Comparable to the most advanced electronic CAD software, with added real-time capability thanks to its computational efficiency.

AmpHub is analog modeling at its finest, conceived and developed with guitar players in mind, boasting ease of use and great tones right at your fingertips.

System Requirements

- Latest OS Compatibility for Windows & Mac, including Native Apple Silicon
- Minimum Requirements Mac OS 10.13 or Windows 7
- STL Licensing System, no iLok account required.
- 3 activations are available per user.

NOTE: During recording or monitoring, we recommend a buffer size of 64 samples or lower. This low buffer size is to minimize latency and improve the play-through experience. This can be set in your audio interface setup utility or your DAW audio settings.

Supported Host Software

AmpHub is available in the following plugin formats, compatible with all the most used Digital Audio Workstation (DAW) platforms:

- VST3, VST2 (Cubase, Studio One, Ableton Live, and Reaper)
- AU (Logic, Garage Band, and Luna)
- AAX (ProTools)

AmpHub software can also be used as a standalone application. The Standalone version is perfect for practice on the go and for use in live situations.

Recommendations

- Always use the high impedance (Hi-Z) input of your interface. This will ensure less noise and signal loss. Most analog (pre)amplifiers and stomp boxes have an input impedance of 1MegaOhm, so the best practice would be to match the 1MegaOhm input impedance on your interface when using this plugin.
- Always ensure the highest input signal before the AD conversion, avoiding clipping.
- Amp and stomp box simulators are not noisy; they do not add noise. They're a lot less noisy than analog hardware. If you have noise issues, check your guitar's electronic circuit, cables, and sound-card settings.
- In almost all cases, amp and stomp box simulators do not introduce noticeable latency. STL AmpHub doesn't introduce any noticeable latency. If you're experiencing latency issues, check your interface settings. Experiment with your input buffer size. We recommend a setting of 64 samples.

Installation

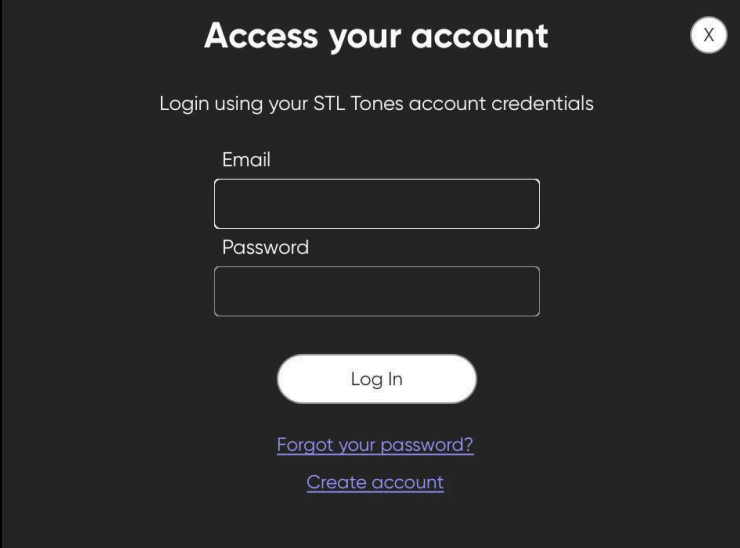
STL Tones Download Center

Please visit <https://www.stltones.com/pages/file-downloads>, where you will find the relevant installers for your products.

STL Tones License System

- Log in to your user account by visiting www.stltones.com and clicking on the "User" icon in the upper right-hand corner. If you don't have a user account, create one by clicking "Create Account" inside the same login window.
- Trial AmpHub for 10 days by simply adding an AmpHub subscription trial to your cart on the STL Tones website, and then activate your trial subscription in the plugin by selecting the "Activate Subscription" account prompt.
- Your Activation License code will be in the confirmation email you received after your purchase (perpetual license only).
- Multiple Machines: Each activation code or subscription can be used on up to 3 different machines. However, the associated email will always be the email entered during your first activation. If you try to activate the same code on a 2nd machine with a separate email, the activation will fail.
- If you own an AmpHub perpetual license, you can trial individual models for 5 days without the need for a subscription. Activation of these trial licenses is done directly in the plugin.
- Trial Limitations: Only one trial can be requested per account or machine. The models will be fully functional during the trial period.

License Activation (Account Login)

A dark-themed login modal titled "Access your account" with a close button (X) in the top right corner. Below the title, it says "Login using your STL Tones account credentials". There are two input fields: "Email" and "Password". Below the password field is a "Log In" button. At the bottom, there are two links: "Forgot your password?" and "Create account".

Access your account

Login using your STL Tones account credentials

Email

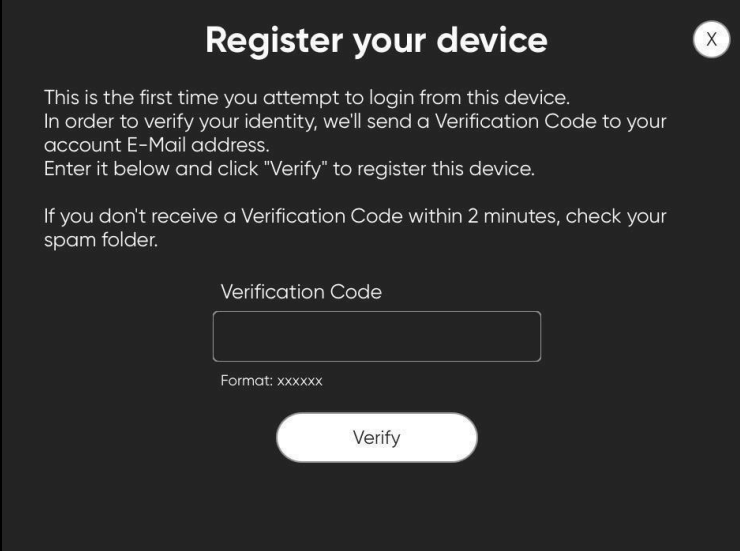
Password

Log In

[Forgot your password?](#)

[Create account](#)

1. When you first open the plugin, you will be prompted to log in to your STL Tones user account.
Insert your credentials and click "Log In".

A dark-themed registration modal titled "Register your device" with a close button (X) in the top right corner. The main text explains that a verification code will be sent to the user's email. Below this, there is a "Verification Code" input field and a "Verify" button. A note at the bottom says "Format: xxxxxx".

Register your device

This is the first time you attempt to login from this device.
In order to verify your identity, we'll send a Verification Code to your account E-Mail address.
Enter it below and click "Verify" to register this device.

If you don't receive a Verification Code within 2 minutes, check your spam folder.

Verification Code

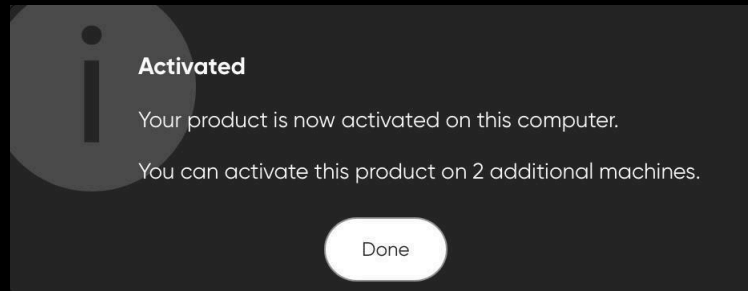
Format: xxxxxx

Verify

2. If it's the first time you log in from a device, a 6-digit verification code will be sent to the email address you provided.
Copy the code from your email and paste it into the Verification Code field in the menu, then click "Verify" to authorize your device.

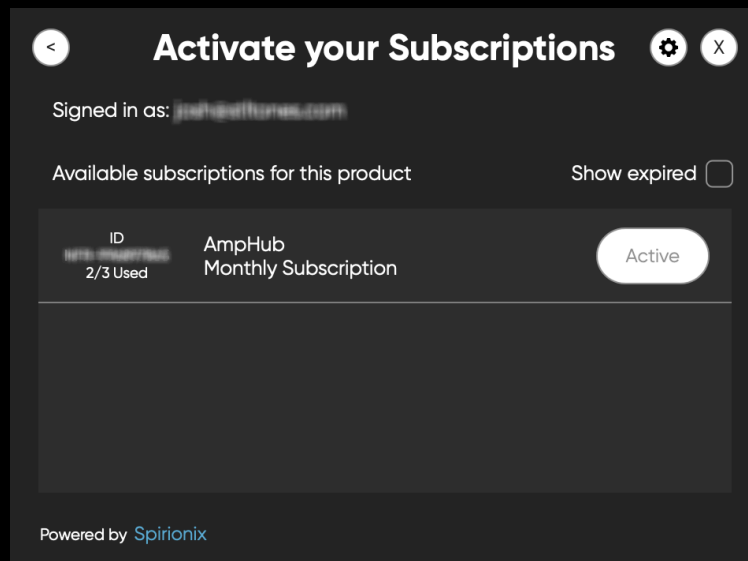
Note: Check your spam folder if you don't receive a verification code within 2 minutes.

License Activation (Subscription and Trial)



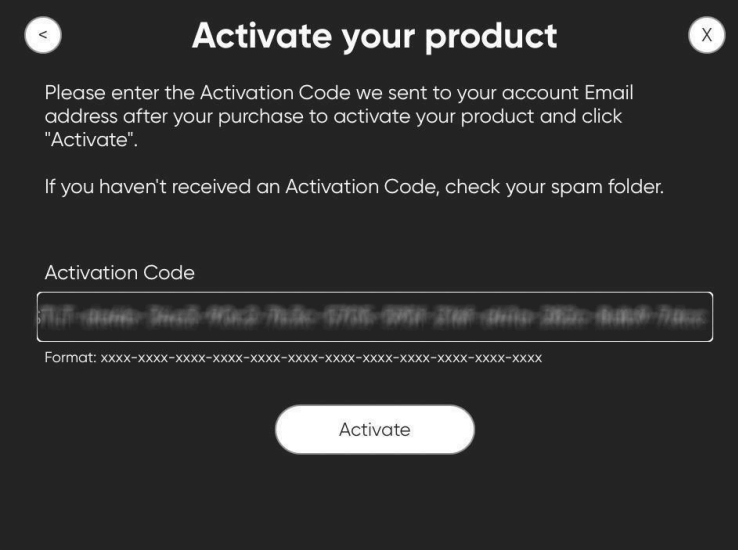
If you have a valid Subscription or Trial license, the software will automatically search and activate it after you log in.

Multiple Subscription Licenses



If you have multiple valid Subscription licenses for this product in your account, you'll be prompted to select which one to activate.

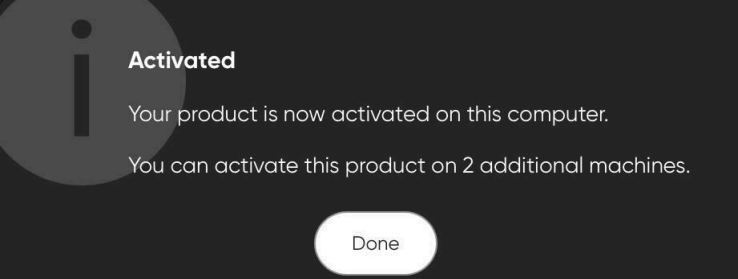
License Activation (Own Outright)



The screenshot shows a dark-themed dialog box titled "Activate your product". It has a back arrow on the top left and a close 'X' button on the top right. The main text instructs the user to enter an activation code sent to their email. Below this, there is a text input field containing a blurred activation code. Underneath the input field, the format "Format: xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx" is displayed. At the bottom center, there is a white "Activate" button.

If you don't have a valid Subscription or Trial license, the software will take you to the Own Outright License activation screen.

Enter the activation code you received by email upon purchase and click "Activate".



The screenshot shows a dark-themed dialog box titled "Activated". It features a large white information icon 'i' on the left. The text informs the user that the product is now activated on the current computer and that it can be activated on 2 additional machines. At the bottom center, there is a white "Done" button.

License Activation (Own Outright models)



Serpent Queen 2005
Based on a Splawn™ QuickRod™
(2005 version)



Obsidius Vintage
Based on a Darkglass© Vintage Microtubes™

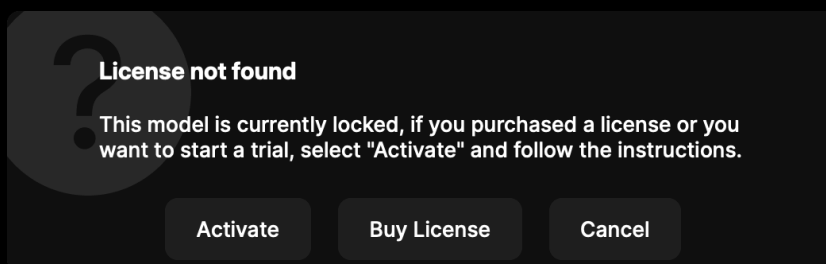


Bogart Ultrasonic Blue
Based on a Bogner™ Uberschall™
(Rev Blue)



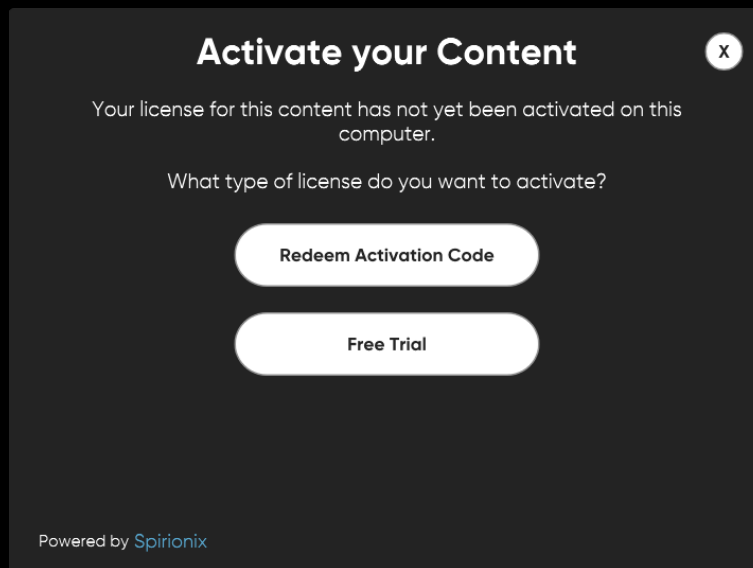
Kentaurus Drive
Based on a Klon© Centaur™

1. To activate your Amplifier and Pedal model licenses, click on the model box image or the lock icon to bring up the activation window.

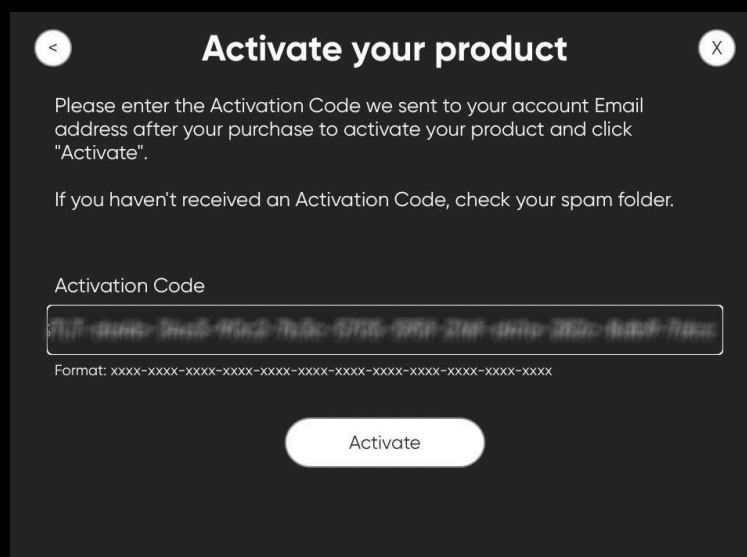


2. Select "Activate" from the alert informing you that the related licensing is missing.

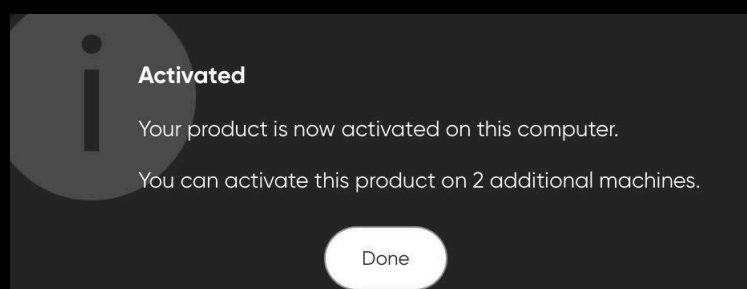
License Activation (Own Outright models)



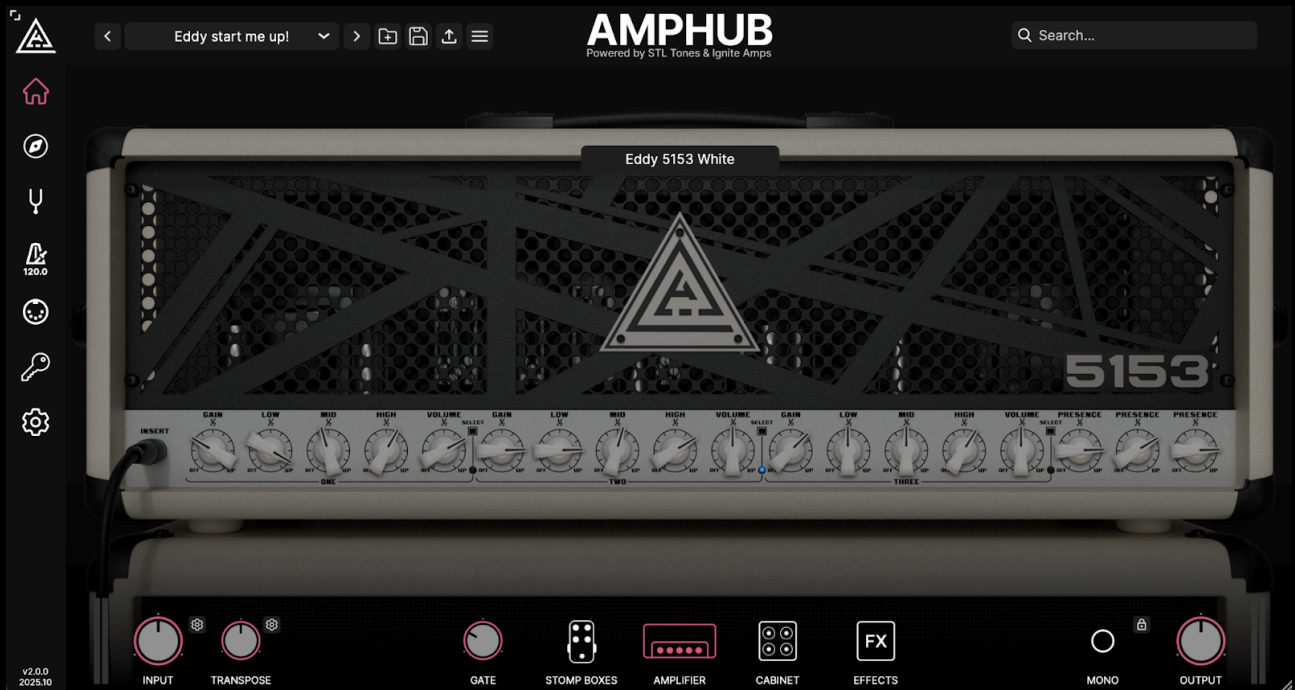
1. If you have an activation code for the selected model click "Redeem Activation Code".
If you want to evaluate the model before purchasing it, click "Free Trial".



2. If you select "Redeem Activation Code", you'll be prompted to enter your activation code and click "Activate."



User Interface (Sidebar)



- **My Rig:** The home icon displays all the elements of your currently loaded preset.
- **Discover:** Access the STL Exchange. A social platform to share and download AmpHub presets with users around the world under your profile. See the "Discover (STL Exchange)" section for more information.
- **Tuner:** Click the tuner icon to open the Tuner. The tuning indicator light will span from left to right and turn green when the note is in tune (middle position). Right-click on the tuner icon to enable the mini tuner function - display the input signal pitch continuously without expanding the full tuner display. The full tuner display provides the following settings:
 - **Mute:** Mutes the input audio when the full tuner is displayed.
 - **Sensitivity:** Sets how sensitive the tuner is to pitch changes.
 - **Reference:** Sets the audio frequency (Hz) for the musical note of A above middle C.

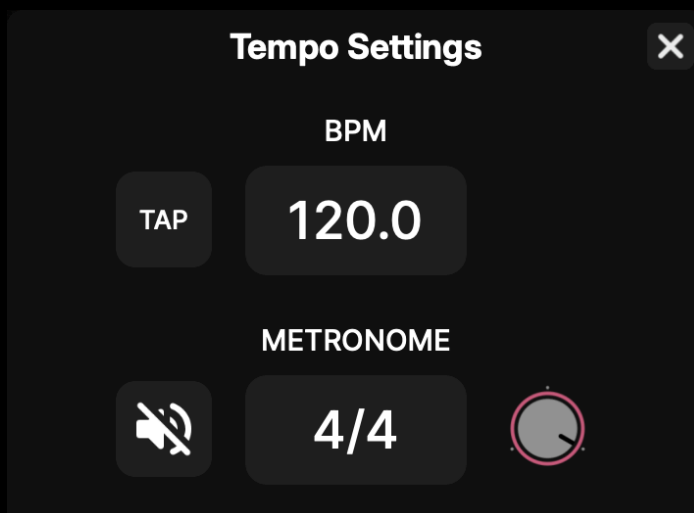


User Interface (Sidebar)

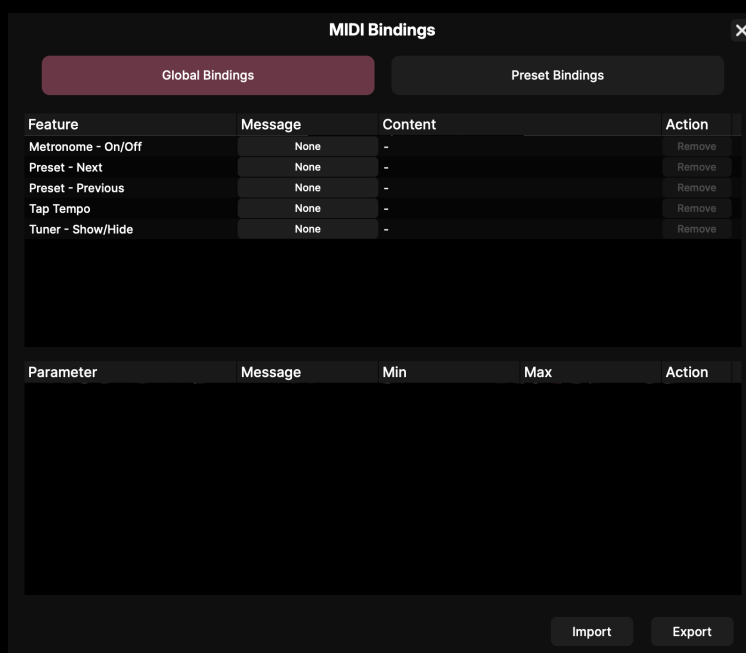
NOTE: Keep in mind that the tuner runs in a modal window, so all the other controls in AmpHub are disabled until you close it.

- Tempo Settings (Standalone Mode Only): Set the desired tempo for the plugin, which includes an inbuilt metronome.

NOTE: Tempo is saved at preset level.

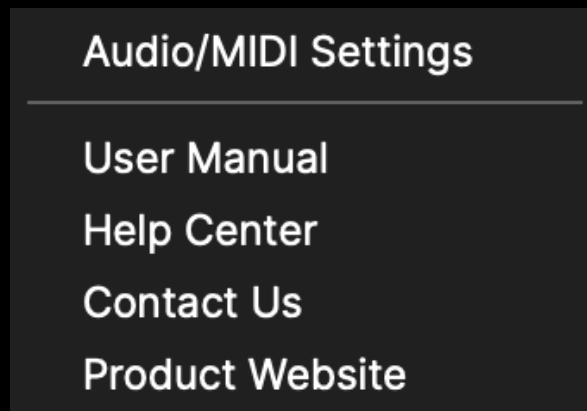


- MIDI: Opens the MIDI panel, allowing you to review and modify the active preset and global MIDI bindings. Please refer to the MIDI section of the manual for further details on how to assign MIDI controls to AmpHub parameters.



User Interface (Sidebar)

- **License Activations:** Opens the licensing pop-up window for managing your AmpHub licenses.
- **Settings:** Provides options for the following:



- Audio/MIDI Settings (standalone application only): Opens a pop-up window for configuring the Audio & MIDI settings of the AmpHub standalone application.
 - User Manual: Opens this User Manual.
 - Help Center: Links to the STL Tones help center.
 - Product Website: Links to the STL Tones AmpHub product page.
 - Contact Us: Links to the STL Tones contact us page.
 - Plugin Update Indicator: Displays when a new software update is available to download and provides an option to download it.
- **Plugin Version:** Displays the installed plugin version number at the bottom of the AmpHub sidebar.

User Interface (Header Controls)

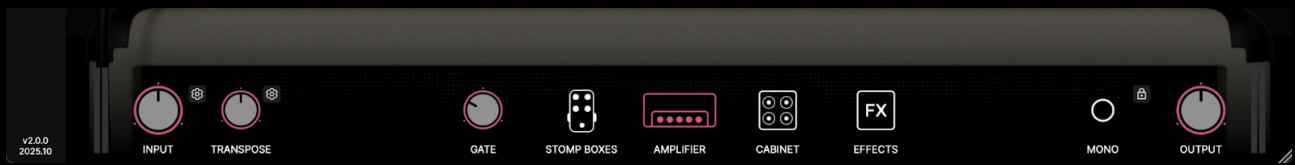


- **Resize:** Located in the top left corner is the resize arrows for the plugin interface. This lets you quickly change the size to three preset values (50%, 75%, and 100%). You can fine-tune the size using the resize function in the bottom right corner of the plugin by clicking and dragging.

Presets Menu: Manage AmpHub factory presets and user presets. The preset manager is divided into 3 sections:

1. **Factory Presets:** You'll find all available STL Tones presets. Presets may appear grayed out as these presets contain models you don't own (perpetual license only).
 2. **My Presets:** Displays the My Presets view, where you can manage your own presets and downloaded presets from the STL Exchange. See the "STL Exchange" section for more information.
 3. **By Amplifier Model:** Quickly browse presets categorized by amplifier model.
- **Open Presets Location:** Under the same Presets drop-down menu, you can click on "Open Presets Location" to open a new navigation window in the folder where folders are stored on disk. Useful if you need to transfer presets from one device to another or create a backup.
 - **Preset Options Icons:**
 1. **Save Preset in New Folder:** Add the currently loaded preset into a new folder.
 2. **Save:** Provides saving options for the currently loaded preset.
 3. **Upload preset to STL Exchange:** The currently loaded preset will be uploaded to the STL Exchange. Here is where you can add genre tags, style type, and intended instrument, including what type of pickups you used and any notes on the presets.
 4. **Preset Options:** This hamburger menu brings up all the available editing options for the selected preset.
 - **Global Search:** Quick access to anything within AmpHub. This includes all models, effects, and presets. When selecting Stomp Boxes, Cabinet, or Effects, you will get a pop-up window asking where you'd like to place the model within your rig.

User Interface (Footer Controls)



- **Input:** Adjusts how much signal the plugin will receive. Adjust according to the pickups you are using and your interface input. The input meters will turn red if the signal goes above the +6dB threshold (4V of total swing) however this is just a warning; AmpHub will retain your input signal perfectly intact without clipping.

NOTE: To ensure the virtual circuits react naturally to your guitar playing, it is vital to use the correct signal level, so we suggest using the Input Level Listener feature located top-right of the input knob.

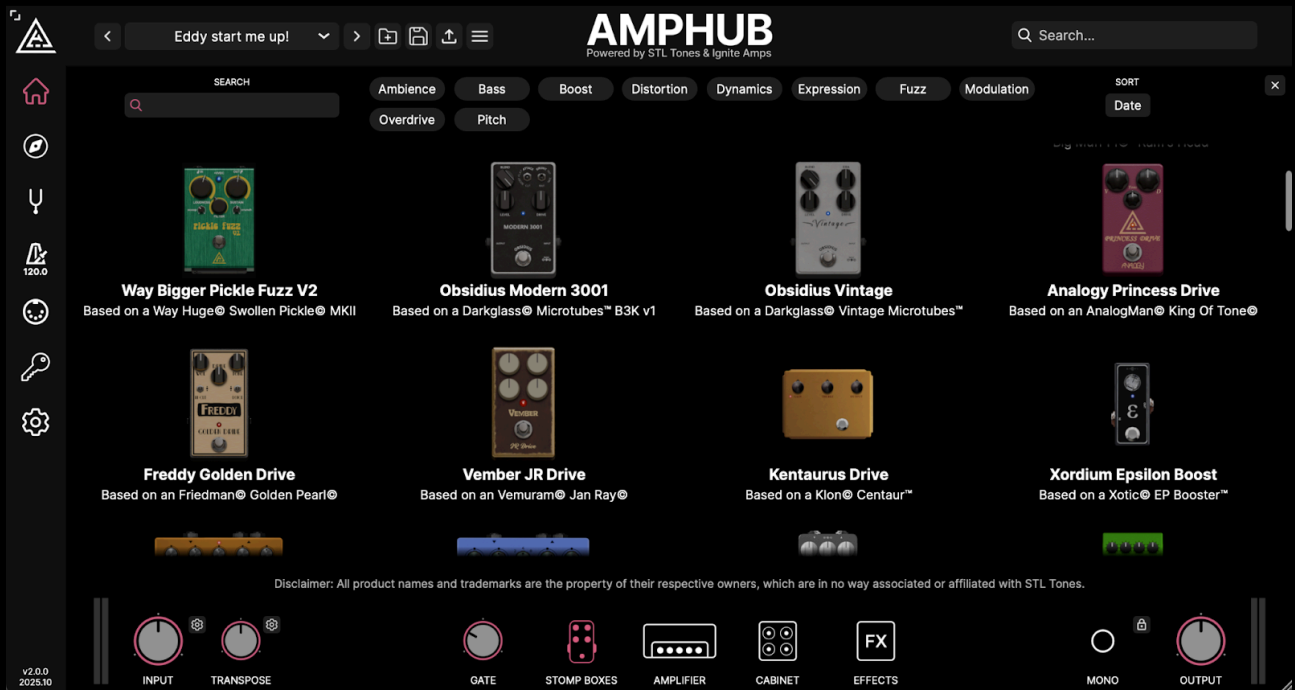
- **Transpose:** Global pitch shifting of your instrument's signal up or down by a specific semitone interval or continuous mode for non-standard tuning requirements.
- **Gate:** Cuts unwanted noise spill, hiss, or hum by setting a threshold at which the input signal needs to be above for processing.
- **Stomp Boxes:** Click the stomp boxes icon to open the stomp boxes view (see related section for details).
- **Amplifier:** Click the amplifier icon to open the amplifier view (see related section for details).
- **Cabinet:** Click the amplifier icon to open the cabinet view (see related section for details).
- **Effects:** Click the effects icon to open the effects view (see related section for details).
- **Routing Icon:** Change the routing of your rig. AmpHub supports 3 routing modes:
 1. **Mono:** All the rig sections will process the signal in mono mode.
 2. **Mono/Stereo:** All the rig sections will process the signal in mono mode until an element supporting the "Mono-To-Stereo-Split" in the Effects section is encountered.
 3. **Stereo:** All the rig sections are internally doubled and will process the signal in stereo mode.

NOTE: In Mono/Stereo, once the signal is split, the remaining elements in the chain will automatically switch to stereo processing. Delay and reverb effects are typical

models supporting the "Mono-To-Stereo-Split", so when using those pedals in Mono/Stereo routing mode, the signal will be split, and the subsequent effects will work in stereo mode until the signal reaches the output.

- **Routing Lock:** Click to lock the current routing mode. This control is useful when you want to audition different presets, keeping the routing untouched. Activate the lock, and it will be kept fixed until you unlock it, avoiding overrides when changing presets.
- **Output:** Adjusts how much signal the plugin will feed to your DAW channel. The output level meters to the right of the output knob indicate the audio output level coming out of the plugin and will turn red if the signal goes above the +0dB threshold; however, this is just a warning: AmpHub will retain your input signal perfectly intact without clipping.

User Interface (Stompbox section)



- **Stompboxes:** This button will navigate you to the Stompbox section, where you will find all the plug-in pedal models that can be placed in front of the amplifier (overdrive, distortion, dynamic, pitch, modulation, etc.). The stompbox section can host up to 4 pedals simultaneously by using the scrollbar under the header section to view and access all the available slots.
- **Stompbox Select:** To select a stompbox, click on the "Select..." button, and a menu will open with all the available models.

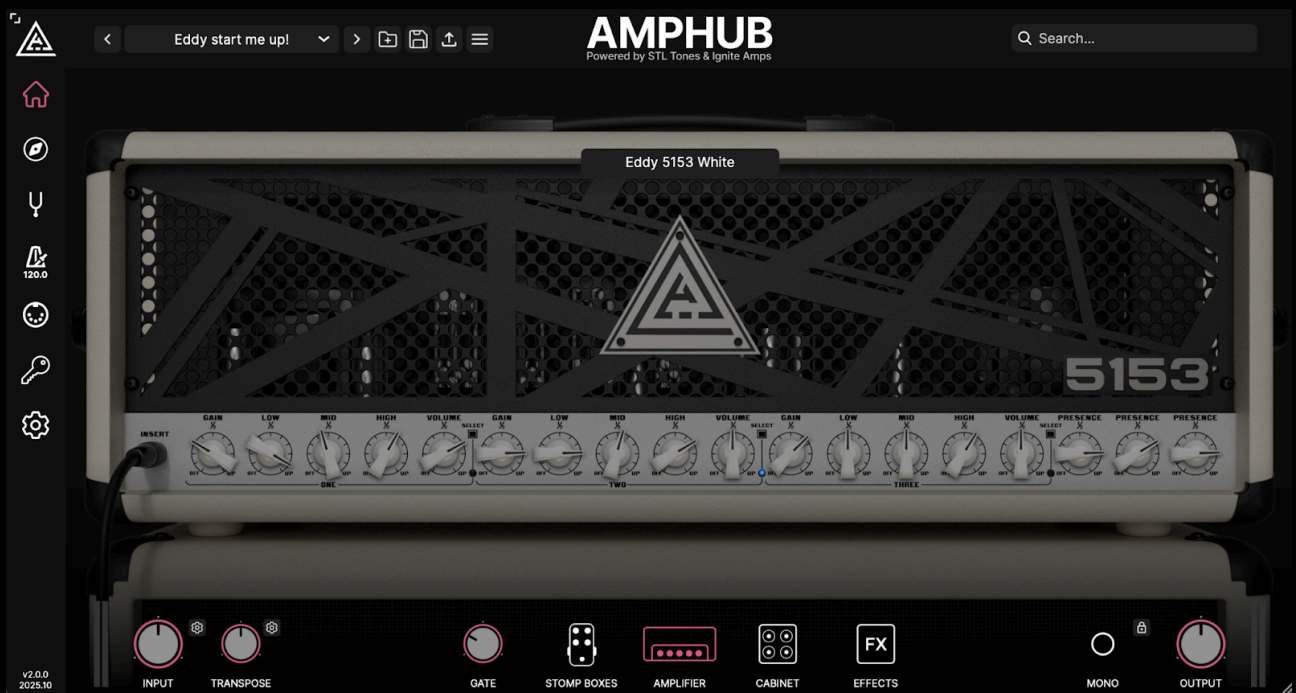


- **Model Search:** Use the search field box to type the effect type, brand, model of the pedal you are looking for. You can also select the filter keywords displayed to show the available options and sort by date or alphabetically.

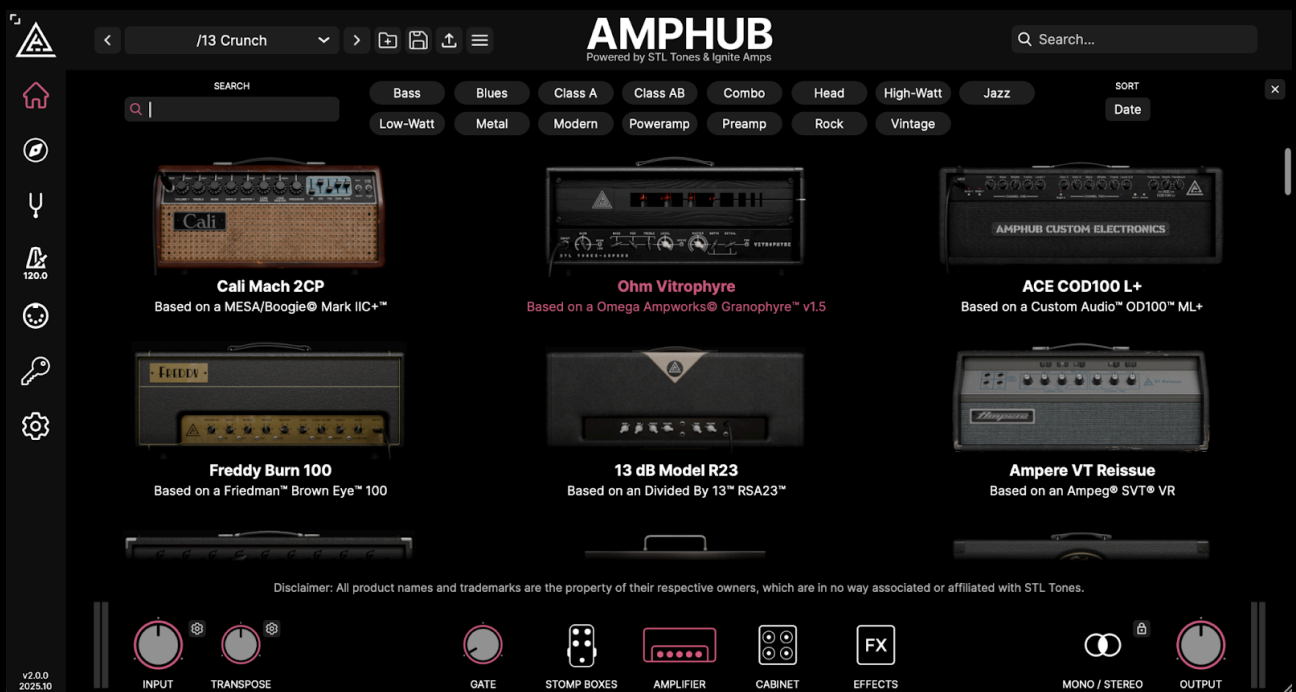


- **Move Stompbox:** If you want to move an effect from one position to another while retaining the settings, you can click the "double arrow" swap button on the right of the selector. Select where you want to move the pedal by clicking the double arrow button on the destination slot.
- **Remove Stompbox:** Use the "X" button to remove a stompbox from a certain slot.

User Interface (Amplifier section)

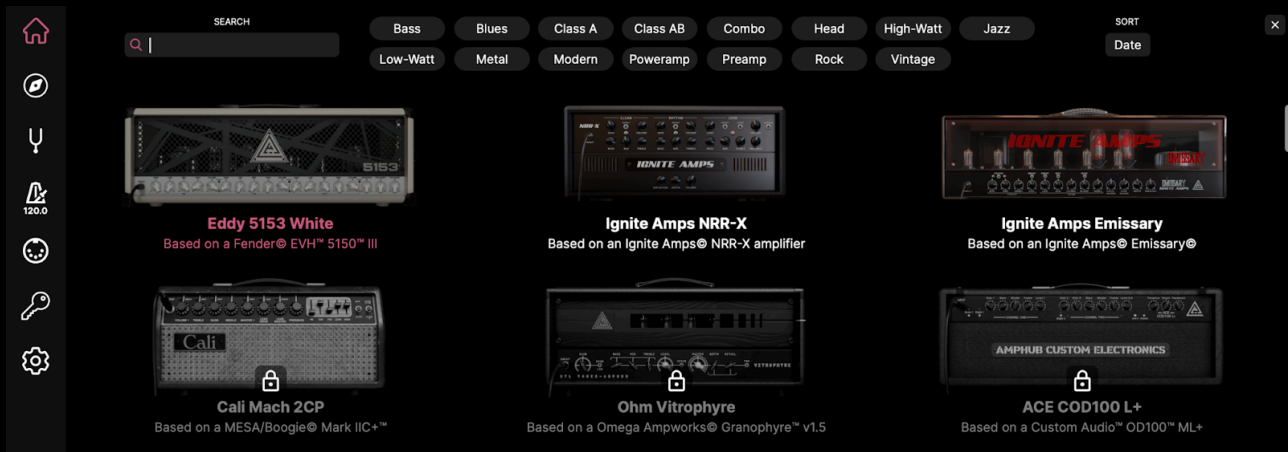


- **Amplifier:** Click the amplifier icon to open the amplifier view. In this section, you can select the amplifier you want to play through.
- **Amplifier Select:** To change the model, click the text button displaying the amp model name (located in the middle of the screen), and the amplifier menu will display all the available models.



User Interface (Amplifier section)

- **Model Select:** To select an amplifier, click on the model image you wish to play.
- **Search:** To quickly find an amp model, click on the "Search..." field box, and type the amp model or brand of the amp you are looking for. You can also select the filter-type keywords shown to display the available options.



- **Individual Models** (perpetual license only): Selecting the grayed-out amp model images will give you options to activate or buy the individual model license by directing you to the STL Tones website to get more information.
- **Model Lock** (perpetual license only): Selecting the lock icon will open up the licensing options. Please refer to the 'Amplifier & Pedal Models Perpetual and Trial License (Online Activation)' in this manual's Installation and License activation section.

NOTE: Toggling on the amplifier icon in the footer while the Amplifier view is open will bypass the amplifier.

NOTE: The hardware version of some of the amps available in AmpHub (especially the vintage ones) has crosstalk between channels (sometimes referred to as "channel bleed"). This is what contributes to making those amp tones so unique and, as AmpHub models are 100% circuit derived, the same behavior has been replicated with incredible accuracy, so you may hear some slight tonal differences when turning the knobs of the inactive channels. The amplifier power section behaves differently depending on the speakers connected to it. To replicate this behavior perfectly, we have spent countless hours measuring the impedance curves for all the cabinets featured in AmpHub so you may feel the dynamic and saturation of the power amp changes when you switch between different cabinets as that's exactly what happens in the analog world too.

User Interface (Cabinet section)



- **Cabinet:** Click to open the cabinet view. In this section, you can change speaker cabinets and microphone models within the ever-growing AmphHub collection.
- **Microphone Position:** Taking advantage of Ignite Amps "Azimut 4" four-dimensional IR (Impulse Response) interpolation technology, you'll be able to move the microphone around the speaker with 4 degrees of freedom: X (horizontal axis), Y (vertical axis), Z (distance) and W (angle). Each speaker has been measured with each of the available microphones in more than 100 positions to achieve the ultimate realism and accuracy.
- **Cabinet Mix Slider (Mix Mode):** Set the mix of the two cabinets using the percentage slider to find the perfect balance.
- **Room:** Simulates a natural room ambience, with amount control for each speaker.
- **Hi Pass:** This lets you select the frequency range of the high-pass filter. It ranges from 10Hz to 400Hz and can be useful to control the low-end response of the speaker.
- **Lo Pass:** This lets you select the frequency of the low-pass filter. It ranges from 6KHz to 22KHz and can be useful to control the high-end response.
- **Resonance:** This control simulates the power amp and speaker interaction in tube amplifiers. It provides a boost in the guitar cabinet speaker's resonant frequencies.

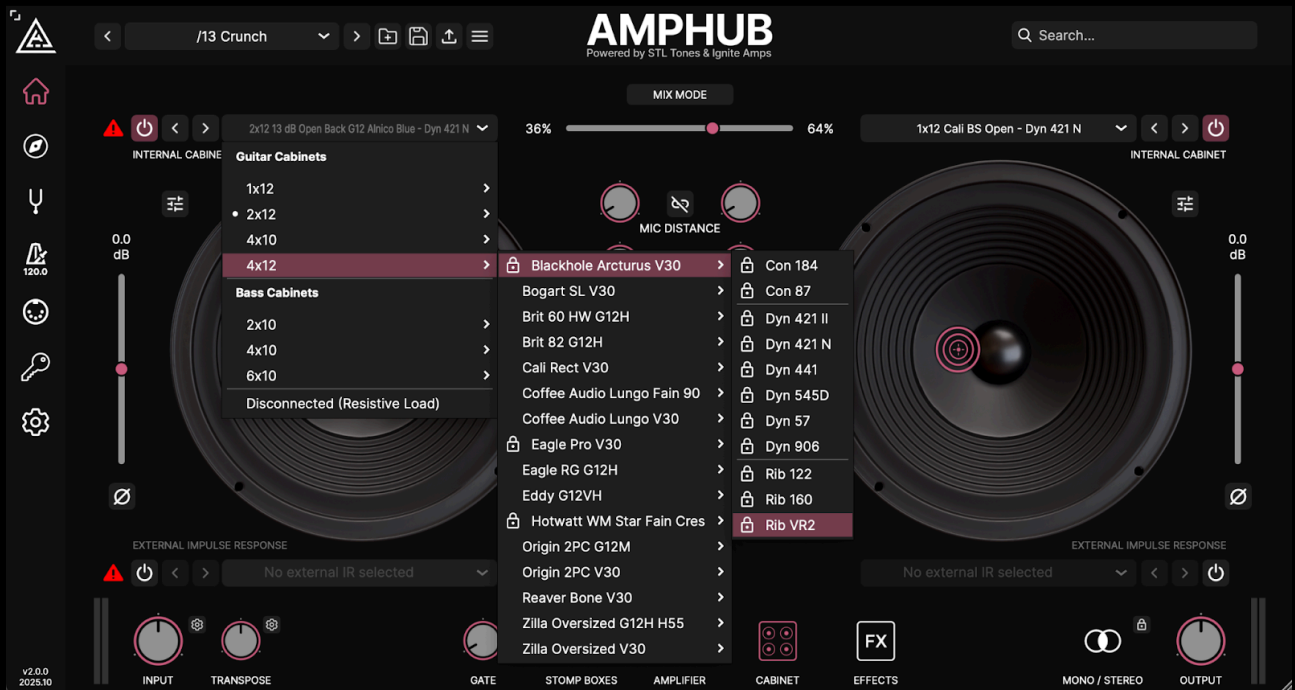
User Interface (Cabinet section)

- **Speaker Level:** Change the volume +/-18dB of each microphone by using the related volume slider located next to each speaker.
- **Phase:** Flip the phase of each speaker using the phase button located at the bottom of the volume slider.



- **Cabinet Pan (Pan Mode):** Clicking on the 'MIX MODE' button will enable 'PAN MODE' allowing each speaker to be placed anywhere in the stereo field.
- **Cabinet EQ:** Clicking on the EQ icon located at the top of each speaker opens a 3-band equalizer for more tonal control.
- **Cabinet Status:** The Status Buttons located to the left and right of each corresponding speaker dropdown menu switch between the internal AmpHub cabinets and external impulse response, giving the option to use third-party IRs. *NOTE: Mic distance, mic angle, and room controls are disabled when external impulse response is engaged.*
- **Cabinet Select:** To change the cabinet model, click the text button displaying the cab model name (located above each corresponding speaker) to show the cabinet dropdown menu displaying all available cabinets.

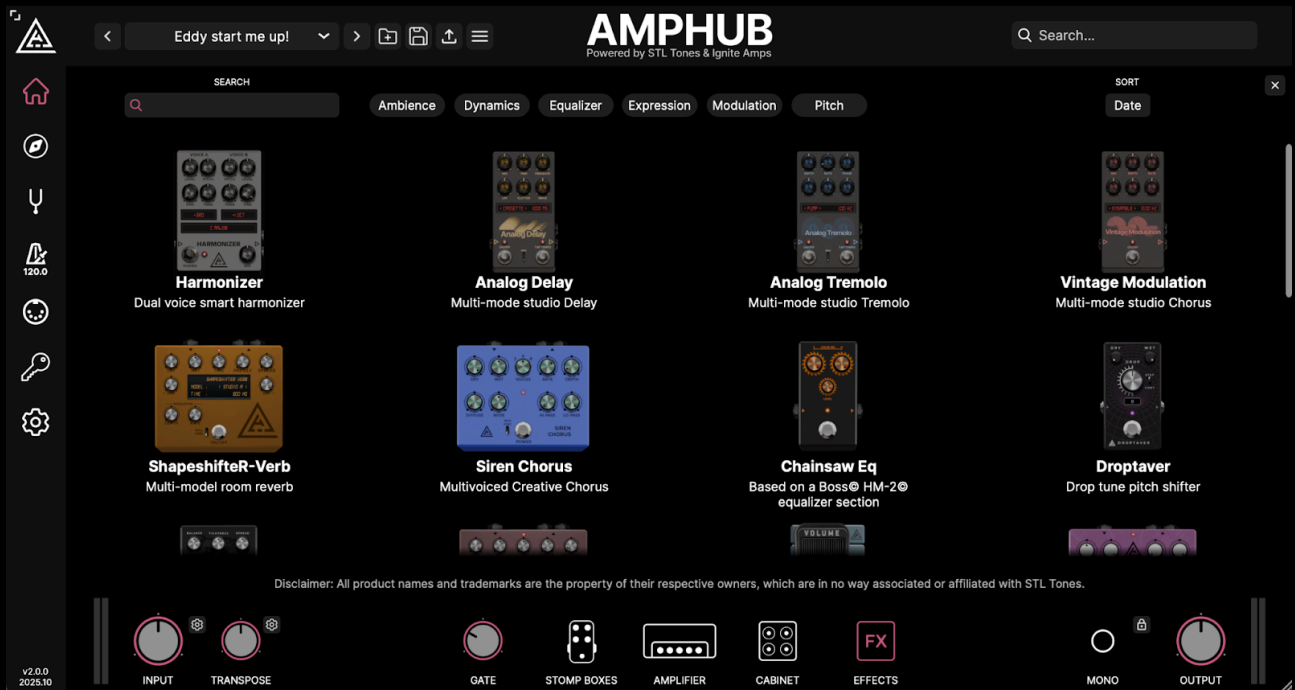
User Interface (Cabinet section)



- **Cabinet Lock (Own Outright users only):** Selecting the lock icon in the cabinet dropdown menu will open up purchase options to unlock the cabinet. After purchasing, please refer to the 'Amplifier & Pedal Models Perpetual and Trial License (Online Activation)' in this manual's Installation and License activation section.
- **Disconnected (Resistive Load):** When using external IRs, the cabinet impedance seen by the amplifier is still defined by the current AmpHub Cabinet selection.
For more accurate results, select an AmpHub Cabinet of the same model as the one used to capture the IR whenever possible (microphone model does not affect the impedance, so you can choose any of the available for the selected cabinet).
If the same cabinet model is not available, select one with the closest speaker model and configuration. If the IR already contains the impedance curve in it, set the AmpHub Cabinet to 'Disconnected' for optimal results.

NOTE: Toggling on the cabinet icon in the footer while the cabinet view is open will bypass the cabinet section.

User Interface (Effects section)



- **Effects:** This button will navigate you to the FXs section, where you will find all the plug-in time-based effects, studio-style post-cabinet compression, and additional stomp EQ. The effects section can host up to 4 pedals simultaneously by using the scrollbar under the header section to view and access all the available slots.
- **Effect Select:** To select an effect, click on the "Select..." button, and a menu will open with all the available models.



- **Effect Search:** Use the search field box to type the effect type, brand, model of the pedal you are looking for. You can also select the filter keywords displayed to show the available options and sort by date or alphabetically.



- **Effect Stomp:** If you want to move an effect from one position to another while retaining the settings, you can click the "double arrow" swap button on the right of the selector. Select where you want to move the pedal by clicking the double arrow button on the destination slot.
- **Remove Stomp:** Use the "X" button to remove an effect from a certain slot.

User Interface (Effects section)



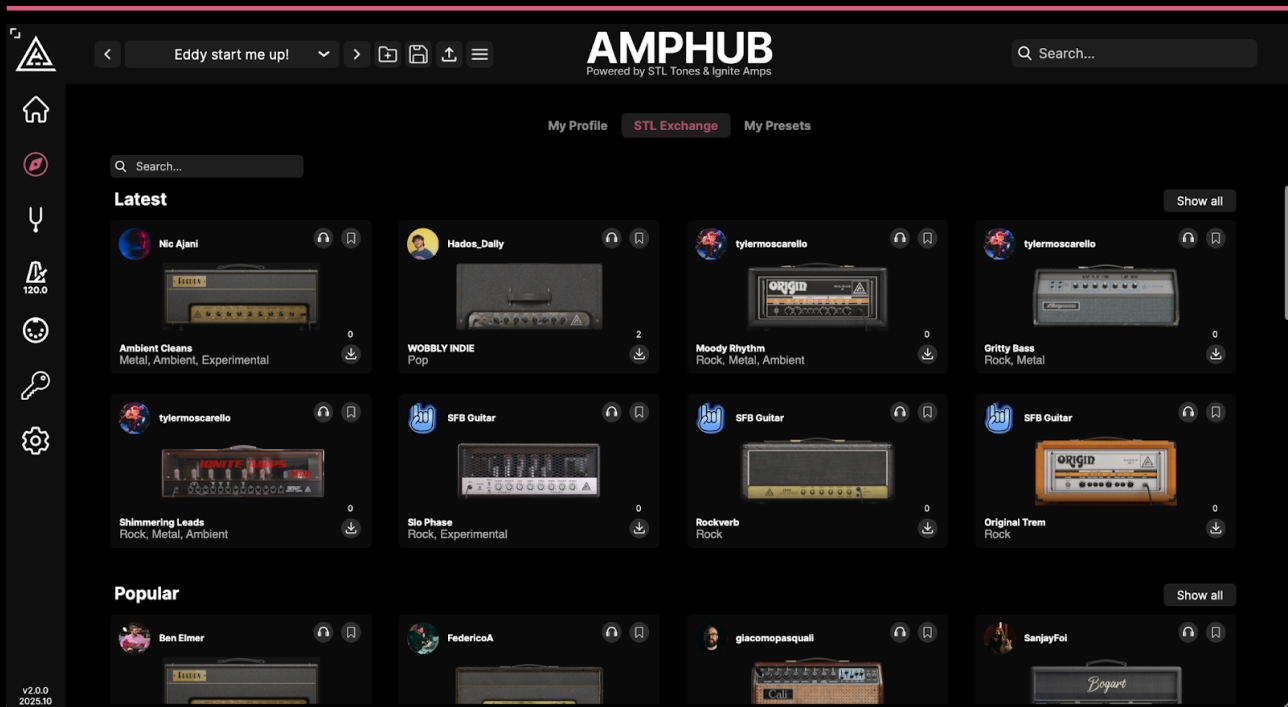
About FX Spillover

The term "spillover" refers to the possibility of keeping the tail of an ambience effect (eg, delay or reverb) playing even when the effect is being switched off, achieving a smoother change between two different sounds by fading out any possible decay instead of truncating it abruptly. All delays and reverbs in AmpHub feature a toggle switch to enable this functionality. When the Spillover is enabled (toggle switch up), switching that model off will keep its tail decaying naturally even if the effect itself is not processing the signal anymore. Switching an ambience effect off while keeping the tail fading out is the simplest possible form of spillover; however, AmpHub also supports spillover on preset changes! The principle of switching from a preset A to a preset B with spillover enabled is the same as switching off the effect on the same preset, with the additional constraint of having the same effect available in the same slot of both presets. This constraint is due to the polymorphic audio chain of AmpHub, allowing you to freely place the effects in various positions of your rig, even multiple times.

NOTE: The only way for AmpHub to perform spillover on preset change is to have the same effect available in the same position for both presets, so it can retain its memory and keep the tail decaying seamlessly after the preset switch.

NOTE: Toggling on the effects icon in the footer while the effects view is open will bypass the effects section.

Discover (STL Exchange)



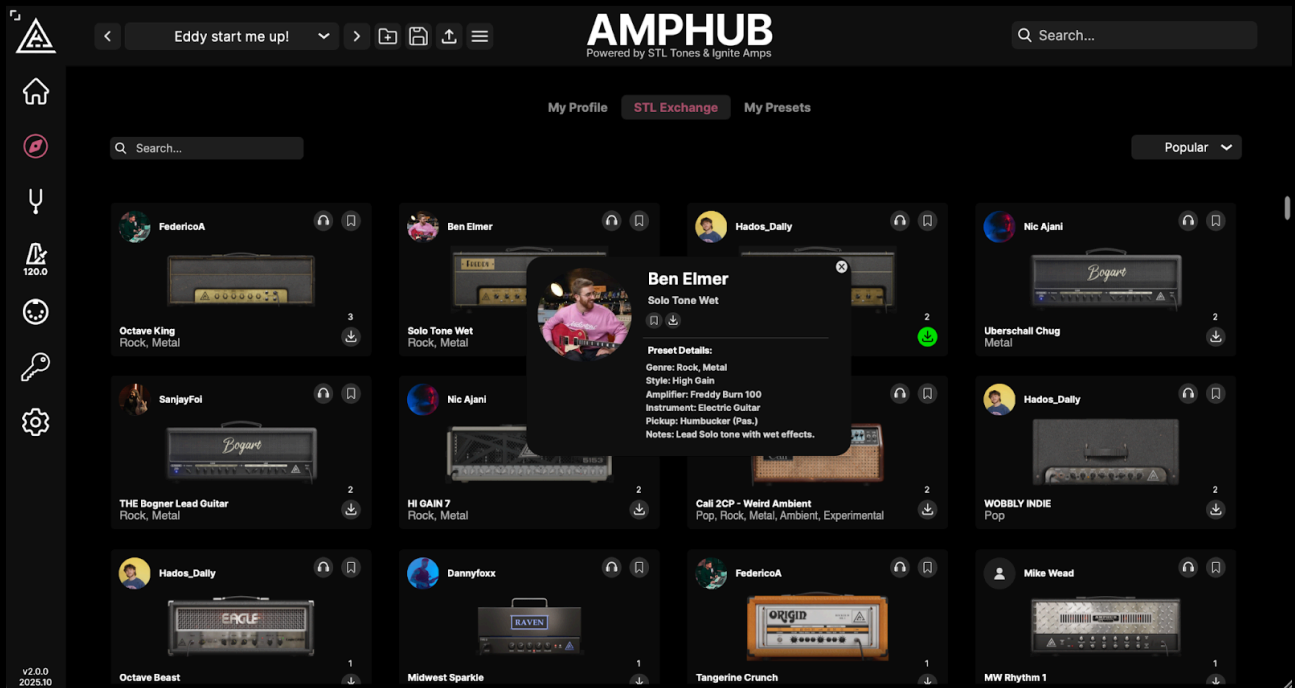
STL Exchange: Gives you access to share and download custom presets through the online platform STL Exchange, connecting you with a network of AmpHub users worldwide.

Setting up a User Name: When using the STL Exchange for the first time, you will need to create a username. *NOTE: This username is linked to your STL Tones user account and associated email. If you need to change your username, please contact support directly via support@stltones.com.*

STL Exchange Presets: The home page of the STL Exchange categories presets in the order of Latest, Popular, Featured, Following and Bookmarked. Selecting "Show all" will display all Exchange presets under these categories. The dropdown menu to the far right allows you to quickly order all Exchange presets without returning to the main STL Exchange view. *NOTE: Clicking the STL Exchange tab will return to this view.*

- **Headphone Audition button:** Selecting the headphone icon allows you to use presets on the STL Exchange instantly, before downloading to "My Presets"
- **Bookmark:** Allows you to flag presets you like on the Exchange, and easily browse these presets using the "Bookmarked" filter type.
- **Download button:** Download the preset into a user Preset Folder
- **Trash button:** Delete your preset from the STL Exchange. *NOTE: This only deletes the preset from the STL Exchange and will not delete any local copy on your computer.*
- **User name text/profile picture:** View the user's profile and presets.
- **Blue Checkmark:** Indicates verified STL artists and plugin administrators.

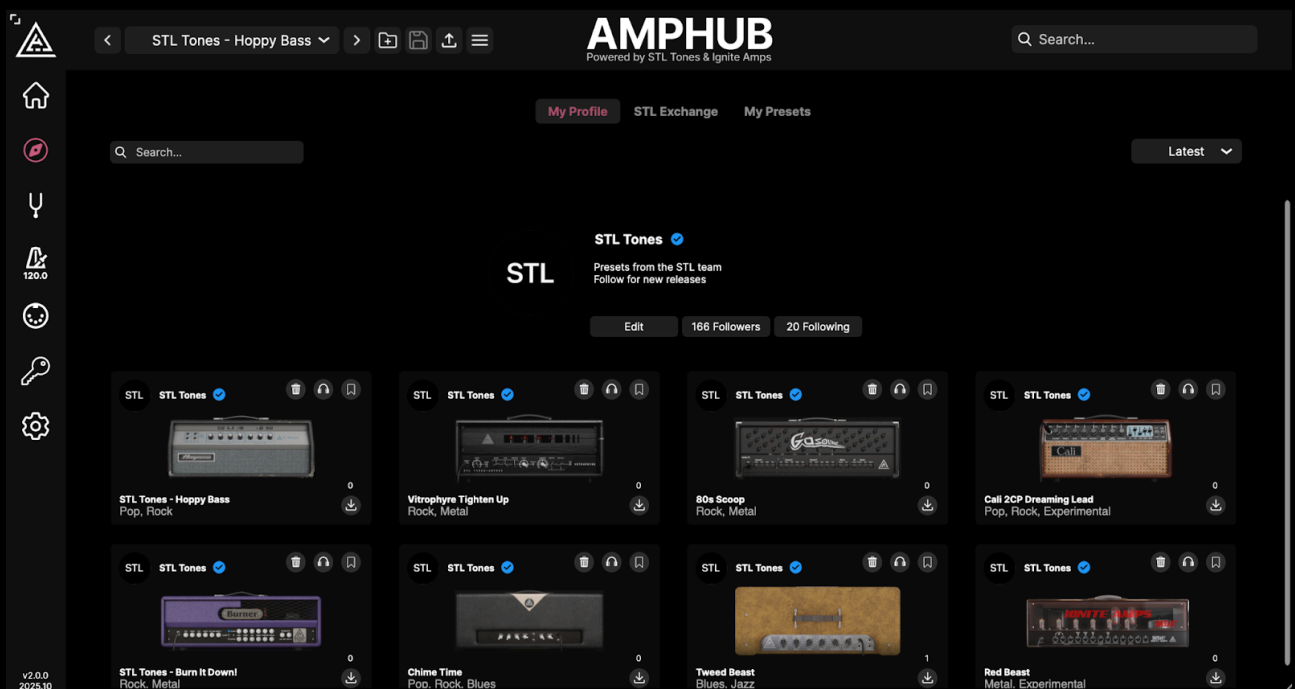
Discover (STL Exchange)



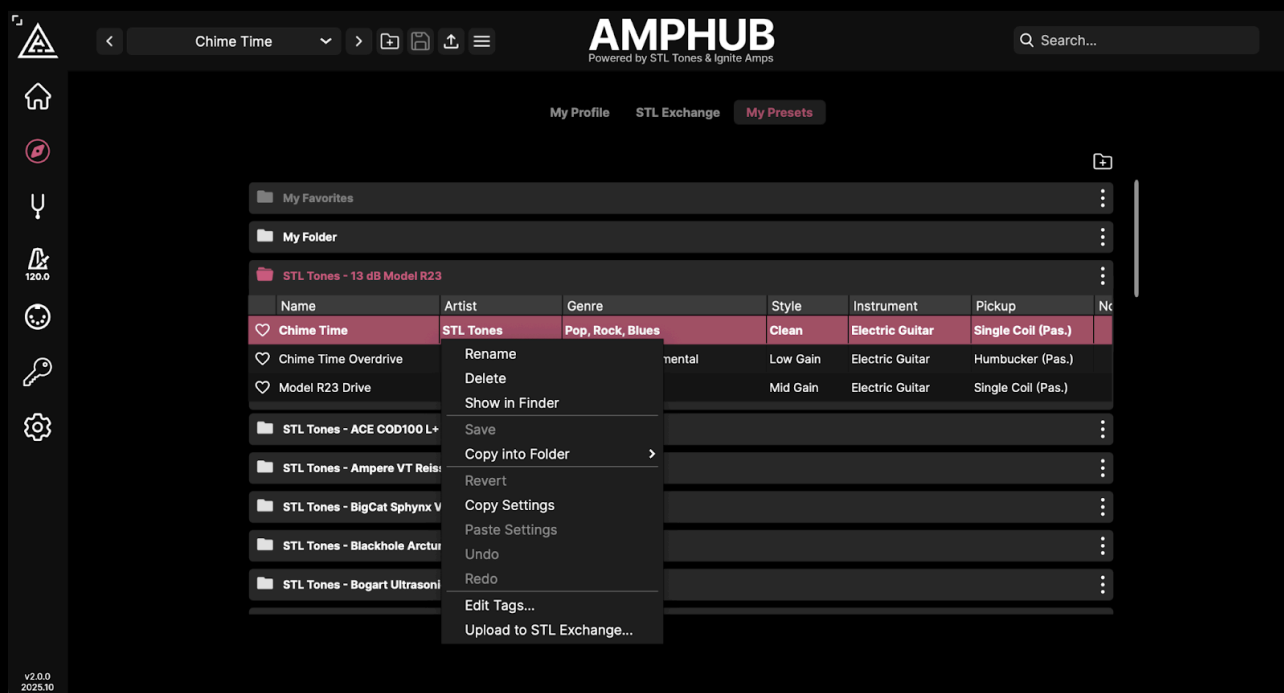
Preset Info: Clicking on the preset card will display all the relevant preset information.

Discover/STL Exchange Search Bar: Easily search and instantly filter all Exchange presets.

My Profile: View and edit your STL Exchange profile.



Discover (STL Exchange)



My Presets: Clicking the 'My Presets' tab displays the My Presets view, where you can manage all AmpHub presets by right-clicking on any item in the tree view (folder or preset) to bring up the available options for the selected item. You will be provided with the most options when right-clicking on the currently loaded user preset (signified using a different text color).

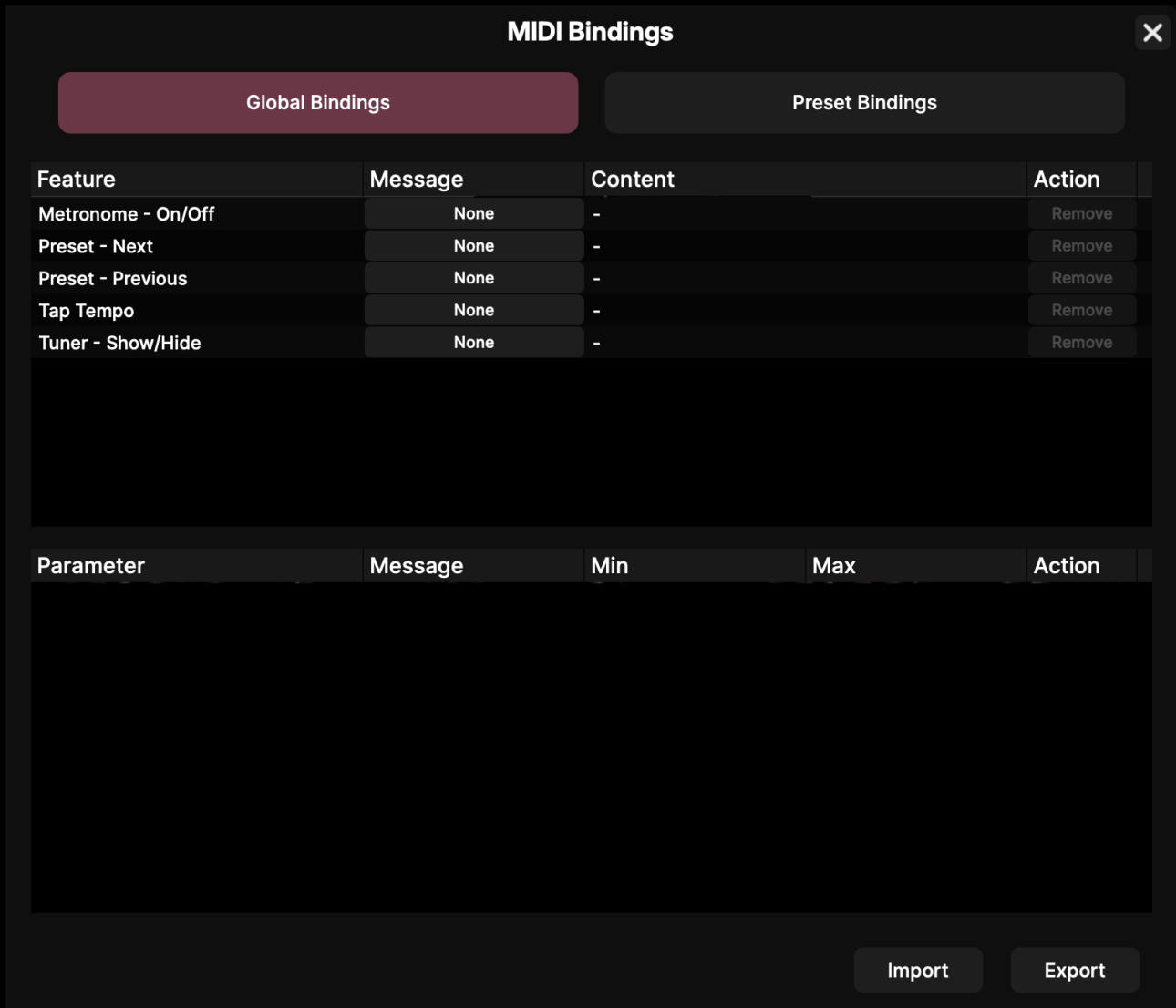
- **Loading Presets:** Double-clicking a preset will load the preset into your rig. *NOTE: In most cases, there is always a loaded/selected user preset at any time.*
- **My Favorites:** Selecting the heart icon will populate that preset into your "My Favorites" folder, located at the top of My Presets.

My Favorites						
Name	Artist	Folder	Genre	Style	Instrument	Pickup
Chime Time	STL Tones	STL Tones - 13 dB ...	Pop, Rock, Blues	Clean	Electric Guitar	Single Coil (Pas.)
STL Tones - Hoppy Bass	STL Tones	STL Tones - Amper...	Pop, Rock	Low Gain	Electric Bass	Single Coil (Act.)
STL Tones - 13 dB Model R23						
Name	Artist	Genre	Style	Instrument	Pickup	Ne
Chime Time	STL Tones	Pop, Rock, Blues	Clean	Electric Guitar	Single Coil (Pas.)	

MIDI

MIDI (AmpHub Standalone)

1. Open the standalone version and click on the Audio I/O button.
2. Select the MIDI inputs (device) connected to your computer you want to use - all done!



- **MIDI Bindings Panel:** All MIDI activity is managed in the MIDI settings panel, accessed by clicking on the MIDI icon in the AmpHub side menu.
- **MIDI Learn:**

Enable MIDI Learn by right-clicking on the AmpHub plugin parameters and UI sections you want to assign MIDI controls:

MIDI

MIDI Learn - Preset

MIDI Learn - Global

- **MIDI Learn - Preset:** This feature will store the MIDI bindings at the Preset level. Preset-level bindings have priority over Global Bindings, meaning that assigning a MIDI PC or CC message at the preset level will override bindings of the same messages assigned at the Global level, if any. Preset-level bindings are saved within the active preset and recalled when the preset becomes active.

NOTE: Remember to save the preset using the Preset Manager (check the Header Controls section) if you want to persist the MIDI bindings.

- **MIDI Learn - Global:** This feature will store the MIDI bindings globally for the application/plug-in. Global bindings are shared among presets, meaning the registered MIDI assignments will remain active even when changing presets (unless overridden by a preset level assignment as described above).

Once you select the binding type, the application will notify you that it's ready to perform the assignment: press the MIDI note/trigger you want to assign to the selected parameter on the MIDI controller, and the binding will be stored, and the MIDI Learn popup menu will then disappear. You can now adjust the plug-in parameter value using the MIDI controller.

- **MIDI General Setup:**

How do I connect a MIDI foot controller to control my STL Tones plug-in?

- Using MIDI cables, connect the MIDI Out port to the MIDI In port on a MIDI audio interface.

My audio interface doesn't have MIDI ports. Can I still use a foot controller?

- Yes absolutely! Using a MIDI to USB interface, connect the MIDI Out port on the foot controller to the USB port on your computer.

Can I use other USB MIDI devices to control my STL Tones plug-ins?

- Yes, simply connect the USB MIDI device (keyboard controller, etc) straight to the USB port of your computer using the product-supplied USB cable.

MIDI

NOTE: Be sure to follow the instructions that came with the MIDI controller, which may include installing the correct driver on your computer.

Check the manufacturer's website for the latest driver software.

If you are using a MIDI interface, be sure to follow the instructions that came with the interface.

Support

For technical issues or any problems experienced with our software, contact us via the contact page at www.stltones.com

Before doing so, follow our troubleshooting questions below to see if these fix your issue.

To help us assist you in the best way possible, please provide the following information to our support team:

- Product Version Number (e.g. STL Ignite - AmpHub - v1.8.0_2024.10)
- Version number of your DAW (e.g. ProTools 11.2.2, Logic 11.1.0)
- Interface/hardware (e.g. Focusrite Scarlett 2i2, Universal Audio Apollo Twin, etc.)
- Computer and operating system info (e.g. Macbook Pro OS X 11.5.1, Windows 10 ver 1709, etc.)
- Please include a detailed description of your problem.

Troubleshooting

Uninstall / Reinstall

This will repair possible broken permissions, fix corrupted files, and remove old versions of our software.

Steps:

1. Close out of all host software (Pro Tools, Logic, Cubase, etc.)
2. Uninstall your plug-in.
3. Open your host software and ensure that the plug-ins no longer show up in the inserts list. If the plug-ins are still present, locate the files on your computer and remove them manually. Once they no longer show up in your DAW (after restarting it), move on to step 4.
4. Close out of all host software.
5. Follow the installation and licensing procedure outlined in the "Installation & License Activation" section of this manual, ensuring you have the latest installers for the plug-in.
6. Run the latest installers and start your host program.
7. Follow the STL licensing prompts, ensuring that your host program is reading the latest version of our software.

Troubleshooting

Repair permissions on your computer

Mac & Windows

Instructions: Run your host software as an administrator (Windows-only)

This can fix a variety of issues that result in crashing or error messages on Windows DAWs that are loading our plugins for the first time.

1. Exit your host program (Pro Tools, Cubase, etc.)
2. Right-click on the icon for that host program and select "Run as an Administrator." You will only have to do this once, meaning you can open up the host program normally the next time.

Troubleshooting

How do I find my plugin in Reaper?

If you cannot find your STL AmpHub plugin in Reaper, follow these steps to make the plugin available:

1. Follow the installation and licensing procedure outlined in the "Installation & License Activation" section of this manual, ensuring you have the latest installers for the plug-in.
2. Now, check if the plugin is installed on your computer in the default folder.

File Locations: Mac

VST: Macintosh HD/Library/Audio/Plugins/VST/STL Ignite - AmpHub

File Locations: Windows

VST: C:\Program Files\VSTPlugins\ STL Ignite - AmpHub

If you don't find the respective files, please reinstall your STL AmpHub Product. If the relevant plugin files are in the above folder, perform a rescan:

1. In Reaper, press [Ctrl] + P (Windows) / [Cmd] + [,] (Mac) to access Preferences.
2. Go to Plugins > VST
3. Under "VST Plugin Path," make sure that the following path is listed (if not, add it):

Windows: 64-bit VST: C:\Program Files \VSTPlugins \STL Ignite - AmpHub

Mac: System HD > Library > Audio > Plugins > VST

Click on Clear Cache/Re-Scan. Create a new session with a supported sample rate, add a track, and load your STL AmpHub plugin. If the pop-up window tells you to activate, please press the "activate" button and insert your full license serial code.

Troubleshooting

How do I find my plugin in Pro Tools?

If you cannot find your STL AmpHub plugin in Pro Tools, follow these steps to make the plugin available.

1. Follow the installation and licensing procedure outlined in the "Installation & License Activation" section of this manual, ensuring you have the latest installers for the plug-in.
2. Now, check if the plugin is installed on your computer in the default folder.

VST: Macintosh HD / Library / Audio / Plugins / VST / STL Ignite - AmpHub

AAX: Macintosh HD / Library / Application Support / Avid / Audio / Plugins / STL Ignite - AmpHub

Windows: 64-bit VST: C:\Program Files\VSTPlugins\ STL Ignite - AmpHub
Windows: 64-bit AAX: C:\Program Files\Common\Files\Avid\Audio\Plugins\ STL Ignite - AmpHub

If you don't find the respective files, please reinstall your STL AmpHub product. If the relevant plugin files are in the above folder, perform a rescan:

- To do a Rescan, you must delete certain files on your computer, depending on your Pro Tools version. Please follow the official Avid website to do this.

Troubleshooting

The plugin makes no sound at all, why is this happening?

You have most likely not activated the software yet, or the license file has moved to a different location, and the software can't find it anymore.

Follow the installation and licensing procedure outlined in the "Installation & License Activation" section of this manual, making sure you have the latest installers for the plug-in.

Where do I find the installers?

Visit www.stltones.com/pages/file-downloads where you will find the latest installers for your product.

Where is the STL AmpHub Plugin located on my computer?

Mac

AU: Macintosh HD / Library / Audio / Plugins / Components / STL Ignite - AmpHub

VST: Macintosh HD / Library / Audio / Plugins / VST / STL Ignite - AmpHub

AAX: Macintosh HD / Library / Application Support / Avid / Audio / Plugins / STL Ignite - AmpHub

Windows

64-bit VST: C:\ Program Files \ VSTPlugins \ STL Ignite - AmpHub

64-bit AAX: C:\ Program Files \ Common Files \ Avid \ Audio \ Plugins \ STL Ignite - AmpHub

Legal Disclaimer

All names of amps, pedals, cabinets, microphones, and other gear and/or accessory brands are trademarks owned by their respective manufacturers and are in no way affiliated with STL Tones or STL AmpHub. Product names are simply used for the purpose of identifying the hardware device on which the digital model is based on.

AAX: Trademark of Avid Technology Inc.

Audio Unit: Trademark of Apple Inc.

VST/VST3: Trademarks of Steinberg Media Technologies GmbH.

STL AmpHub uses:

Takuya Ooura's **OouraFFT** library, to perform fast Fourier transforms.

Aleksey Vanev's **r8brain** library to perform high-quality resampling.

Credits

Plugin Development

Federico Berti (Ignite Amps)

Plugin Design

Sonny Truelove, Dan Dankmeyer, and Federico Berti

Need more help?

Find technical support and instructions here: www.stltones.com/pages/contact-us

Contact our friendly Support Team here: www.stltones.com/pages/submit-a-request

Sincerely,
STL Tones and Ignite Amps Team